

# **Georgia Department of Natural Resources**

**Environmental Protection Division • Air Protection Branch**

**4244 International Parkway • Suite 120 • Atlanta • Georgia 30354**

**404/363-7000 • Fax: 404/363-7100**

**Noel Holcomb, Commissioner**

**Carol A. Couch, Ph.D., Director**

**FEB 26 2009**

Ms. Teresa Smith  
Clay County Clerk  
P. O. Box 519  
Fort Gaines, GA 39851

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Ms. Smith:

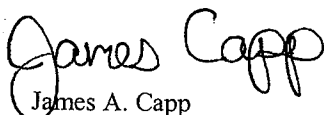
Yellow Pine Energy Company LLC has filed an application for an air quality permit to construct and operate a 110-megawatt (MW) biomass-fired power plant. The proposed project will include: fluidized bed boiler with a heat input capacity of 1,529 million British Thermal Units per hour ( $10^6$  Btu/hr); a condensing steam turbine generator; an auxiliary boiler with a heat input capacity of  $25 \times 10^6$  Btu/hr; multi-cell mechanical draft wet cooling tower; a water treatment plant; a wastewater treatment plant and outfall; back-up emergency diesel generator and diesel firewater pump; ash/inert landfill; aqueous ammonia storage tank; limestone storage bins; a No. 2 fuel oil storage tank; diesel fuel oil storage tanks; and supporting plant equipment. The plant will have the capability of firing 95% metal-free tire-derived fuel (TDF) in small quantities on a trial basis in addition to biomass fuel. Low sulfur No. 2 fuel oil or propane will be used for start-up of the fluidized bed boiler and will be the primary fuel of the auxiliary boiler. The facility will be located at Georgia Highway 39, in Clay County, Georgia per Georgia Air Quality Application No. 17700. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

The public notice concerning the application and preliminary determination will be published in The Cuthbert Southern Tribune (legal organ for Clay County) by Yellow Pine Energy Company, LLC within 15 days of the date of this letter. Following public participation as required by PSD regulations review by affected states and US EPA, the final PSD permit will be issued.

Enclosed is a copy of the permit application, the Georgia EPD PSD Preliminary Determination, and a copy of draft Air Quality Permit No. 4911-061-0001-P-01-0. The County Clerk's office has been designated as a location for public review of this information. We would appreciate you making these documents available at the County Clerk's Office for at least 60 days from the date of receipt of this letter. After this date, the documents can either be filed for your records or discarded.

Please contact Tyneshia Tate at (404) 362-2700 or via e-mail at [tyneshia.tate@dnr.state.ga.us](mailto:tyneshia.tate@dnr.state.ga.us) if you should have any questions regarding this matter.

Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

JAC:tt

Enclosures

# Georgia Department of Natural Resources

Environmental Protection Division • Air Protection Branch

4244 International Parkway • Suite 120 • Atlanta • Georgia 30354

404/363-7000 • Fax: 404/363-7100

Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

**FEB 26 2009**

Mr. Richard Schutt, Chief  
Air Planning Branch  
U.S. EPA, Region IV  
Atlanta Federal Center  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303-8960

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Mr. Schutt:

Yellow Pine Energy Company LLC has filed an application for an air quality permit to construct and operate a 110-megawatt (MW) biomass-fired power plant. The proposed project will include: fluidized bed boiler with a heat input capacity of 1,529 million British Thermal Units per hour ( $10^6$  Btu/hr); a condensing steam turbine generator; an auxiliary boiler with a heat input capacity of  $25 \times 10^6$  Btu/hr; multi-cell mechanical draft wet cooling tower; a water treatment plant; a wastewater treatment plant and outfall; back-up emergency diesel generator and diesel firewater pump; ash/inert landfill; aqueous ammonia storage tank; limestone storage bins; a No. 2 fuel oil storage tank; diesel fuel oil storage tanks; and supporting plant equipment. The plant will have the capability of firing 95% metal-free tire-derived fuel (TDF) in small quantities on a trial basis in addition to biomass fuel. Low sulfur No. 2 fuel oil or propane will be used for start-up of the fluidized bed boiler and will be the primary fuel of the auxiliary boiler. The facility will be located at Georgia Highway 39, in Clay County, Georgia per Georgia Air Quality Application No. 17700. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

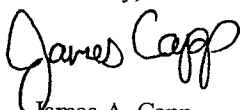
The public notice concerning the application and preliminary determination will be published in The Cuthbert Southern Tribune (legal organ for Clay County) by Yellow Pine Energy Company, LLC within 15 days of the date of this letter. Following public participation as required by PSD regulations review by affected states and US EPA, the final PSD and 112(g) Case-by-Case MACT permit will be issued.

The following documents pertinent to the PSD review are enclosed:

1. PSD Preliminary Determination, including Draft Air Quality Permit No. 4911-061-0001-P-01-0
2. Letters to officials in Clay County
3. Letter to applicant transmitting PSD Preliminary Determination

Comments will be received concerning this preliminary determination for 30 days after publication of the notice. Please call Tyneshia Tate at (404) 362-2700 or via e-mail at [tyneshia.tate@dnr.state.ga.us](mailto:tyneshia.tate@dnr.state.ga.us) if you should have any questions regarding this matter.

Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

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**Noel Holcomb, Commissioner**

**Carol A. Couch, Ph.D., Director**

**FEB 26 2009**

Honorable Deloris Redding  
Mayor  
City of Bluffton  
P.O. Box 55  
Bluffton, Georgia 39824

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

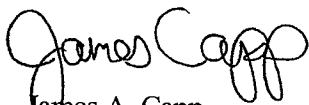
Dear Mayor Redding:

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Air Protection Branch

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Noel Holcomb, Commissioner  
Carol A. Couch, Ph.D., Director

FEB 26 2009

Honorable Richard Hall  
Mayor  
City of Blakely  
P.O. Box 350  
Blakely, Georgia 31723-0350

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

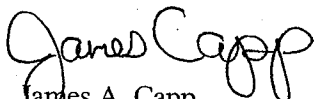
Dear Mayor Hall:

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Air Protection Branch

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**404/363-7000 • Fax: 404/363-7100**

**Noel Holcomb, Commissioner**

**Carol A. Couch, Ph.D., Director**

**FEB 26 2009**

Honorable Brian Blalock  
Mayor  
City of Abbeville  
P.O. Box 427  
Abbeville, Alabama 36310

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

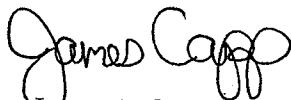
Dear Mayor Blalock:

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James A. Capp  
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Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Honorable Samuel T. Johnson  
Mayor  
City of Fort Gaines  
P.O. Box 251  
Fort Gaines, Georgia 39851

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

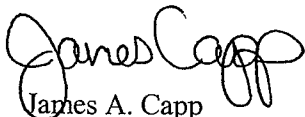
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Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Mr. Greg Strong  
Northeast District Director – Air Resource Management  
7825 Baymeadows Way  
Suite B200  
Jacksonville, Florida 32256-759

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Fort Gaines, Clay County, Georgia

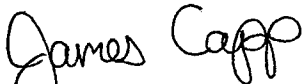
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404/363-7000 • Fax: 404/363-7100

Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Honorable David Shivers  
Chairman, Clay County Board of Commissioners  
P. O. Box 519  
Fort Gaines, Georgia 39851

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

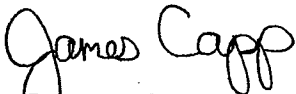
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Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Honorable Richard Ward  
Chairman, Early County Board of Commissioners  
P.O. Box 693  
Blakely, Georgia 39823

Re: PSD 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

Dear Chairperson Ward and Honorable Commissioners:

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Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Honorable Jo Ann Smith  
Chairperson, Henry County Board of Commissioners  
101 Court Square, Suite A  
Abbeville, Alabama 36310

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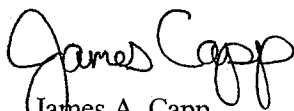
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Carol A. Couch, Ph.D., Director

FEB 26 2009

Ms. Patti Cullen,  
Executive Director  
Lower Chattahoochee Regional Development Center  
1428 Second Avenue  
P. O. Box 1908  
Columbus, Georgia 31902-1908

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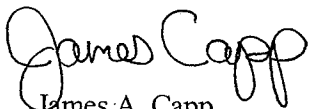
Dear Ms. Cullen:

Yellow Pine Energy Company LLC has filed an application for an air quality permit to construct and operate a 110-megawatt (MW) biomass-fired power plant. The proposed project will include: fluidized bed boiler with a heat input capacity of 1,529 million British Thermal Units per hour ( $10^6$  Btu/hr); a condensing steam turbine generator; an auxiliary boiler with a heat input capacity of  $25 \times 10^6$  Btu/hr; multi-cell mechanical draft wet cooling tower; a water treatment plant; a wastewater treatment plant and outfall; back-up emergency diesel generator and diesel firewater pump; ash/inert landfill; aqueous ammonia storage tank; limestone storage bins; a No. 2 fuel oil storage tank; diesel fuel oil storage tanks; and supporting plant equipment. The plant will have the capability of firing 95% metal-free tire-derived fuel (TDF) in small quantities on a trial basis in addition to biomass fuel. Low sulfur No. 2 fuel oil or propane will be used for start-up of the fluidized bed boiler and will be the primary fuel of the auxiliary boiler. The facility will be located at Georgia Highway 39, in Clay County, Georgia per Georgia Air Quality Application No. 17700. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

The public notice concerning the application and preliminary determination will be published in The Cuthbert Southern Tribune (legal organ for Clay County) by Yellow Pine Energy Company, LLC within 15 days of the date of this letter. Following public participation as required by PSD regulations review by affected states and US EPA, the final PSD permit will be issued.

Please contact Tyneshia Tate at (404) 362-2700 or via e-mail at [tyneshia.tate@dnr.state.ga.us](mailto:tyneshia.tate@dnr.state.ga.us) if you should have any questions regarding this matter.

Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

JAC:tt

Enclosure

# Georgia Department of Natural Resources

Environmental Protection Division • Air Protection Branch

4244 International Parkway • Suite 120 • Atlanta • Georgia 30354

404/363-7000 • Fax: 404/363-7100

Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

FEB 26 2009

Mr. Ron Gore  
Chief - Air Division  
1400 Coliseum Blvd  
Montgomery, Alabama 36110

Re: PSD and 112(g) Permit Application No. 17700 dated September 27, 2007  
Yellow Pine Energy Company, LLC, AIRS No. 06100001  
Fort Gaines, Clay County, Georgia

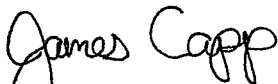
Dear Mr. Gore:

Yellow Pine Energy Company LLC has filed an application for an air quality permit to construct and operate a 110-megawatt (MW) biomass-fired power plant. The proposed project will include: fluidized bed boiler with a heat input capacity of 1,529 million British Thermal Units per hour ( $10^6$  Btu/hr); a condensing steam turbine generator; an auxiliary boiler with a heat input capacity of  $25 \times 10^6$  Btu/hr; multi-cell mechanical draft wet cooling tower; a water treatment plant; a wastewater treatment plant and outfall; back-up emergency diesel generator and diesel firewater pump; ash/inert landfill; aqueous ammonia storage tank; limestone storage bins; a No. 2 fuel oil storage tank; diesel fuel oil storage tanks; and supporting plant equipment. The plant will have the capability of firing 95% metal-free tire-derived fuel (TDF) in small quantities on a trial basis in addition to biomass fuel. Low sulfur No. 2 fuel oil or propane will be used for start-up of the fluidized bed boiler and will be the primary fuel of the auxiliary boiler. The facility will be located at Georgia Highway 39, in Clay County, Georgia per Georgia Air Quality Application No. 17700. The Georgia Environmental Protection Division – Air Protection Branch has conducted a PSD review and has issued a preliminary determination that the proposed construction and operation of said facility should be approved.

Enclosed is a copy of the public notice, the Georgia EPD PSD Preliminary Determination, and a copy of draft Air Quality Permit No. 4911-061-0001-P-01-0. The public notice concerning the application and preliminary determination will be published in The Cuthbert Southern Tribune (legal organ for Clay County) by Yellow Pine Energy Company, LLC within 15 days of the date of this letter. Following public participation as required by PSD regulations review by affected states and US EPA, the final PSD permit will be issued.

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Sincerely,



James A. Capp  
Branch Chief  
Air Protection Branch

JAC:tt

Enclosures